

Friday, April 20, 2012 9:12:46 AM

Page 1

Stop *NR2*

0.00

Quality Control

Jan 12-4-28

| W/O: | | WORK ORDER CHANGES | | | | | |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE | By | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
| | | | | | | | |
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Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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| | | | Initial Chief Eng | Action Description Chief Eng | Sign & Date | | | |
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NOTE: Date & initial all entries

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NOTE: Date & initial all entries

83601

Friday, April 20, 2012 9:12:46 AM

N900040100

Setup Start *NS1*

Stop *NS2*

5

5

Reference:

Run Start *NR1*

Stop *NR2*

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

**Insp.
Stamp**

150

0.00

FINISH TIME: _____

0.00

160

0.00

0.00

170

0.00

Packaging

Dart Aerospace Ltd

| W/O: | | WORK ORDER CHANGES | | | | | |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
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NOTE: Date & initial all entries

83601

Friday, April 20, 2012 9:12:46 AM

Accept

N900040100

Setup Start *NS1*

Stop *NS2*

5

Cust Item ID:

Start Date: 4/20/2012 **Start Qty:** 5.00

Required Date: 4/30/2012 **Req'd Qty:** 5.00

5

Customer:

Reference:

Run Start *NR1*

Approvals: **Process Plan:** _____ **Date:** _____ **Tooling:** _____ **Date:** _____

Stop *NR2*

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Operation Description

Set Up/ Run Hours

Tool ID**Tool #****Plan
Code**

Accept
Qty

Reject
QtyReject
Number**Insp.
Stamp**

180

QC21- Final Inspection - Work Order Release

0.00

180

QC

Memo

0.00

Quality Control

12/5/79
MLJ 12/05/03

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NOTE: Date & initial all entries

Picklist Print

Friday, April 20, 2012 9:12:58 AM

Page 1

Work Order ID: 83601

83601

Parent Item: D2656-15

D2656-15

Parent Item Name: Wearshoe

Start Date: 4/20/2012

Required Date: 4/30/2012

Start Qty: 5.00

Required Qty: 5.00

Comments: IPP: D02.10.25Re-formatKJ
IPP Rev:E Now on Waterjet 06-09-25 JLM

| Component Item ID/ Item Name | Replacement Item ID | Mfg/ Purch | Bin Item | Primary Location | Last Location | Route Seq ID | Unit of Measure | Qty on Hand | Qty per Kit | Total Qty | Qty Issued | Date Issued | Status |
|---------------------------------|------------------------|---------------|-------------|---------------------|------------------|-----------------|--------------------|----------------|-------------|--------------|---------------|----------------|--------|
| M1010S20GA | | Purchased | | No | | 100 | sf | 86.6700 | 0.6125 | 3.223684 | | | |

M1010S20GA

1010/1025 SHEET

**

Location

Loc Qty

Loc Code

MAT019

86.67

111410

39.2

.116791

47.47

111410 3.3

5m/dm
12-4-28

| W/O: | | WORK ORDER CHANGES | | | | | |
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NOTE: Date & initial all entries

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|------------------------------|---------------|---------------------|----------|
| DART AEROSPACE LTD | | Work Order: | 83601 |
| Description: Wearshoe | | Part Number: | D2656-15 |
| Inspection Dwg: D2656 | Rev: D | Page 1 of 1 | |

FIRST ARTICLE INSPECTION CHECKLIST

☒ First Article ☐ Prototype

| Drawing Dimension | Tolerance | Actual Dimension | Accept | Reject | Method of Inspection | Comments |
|-------------------|-----------|------------------|--------|--------|----------------------|----------|
| 39.150 | +/-0.010 | 39.150 | ✓ | | MT | H13-01 |
| 35.650 | +/-0.010 | 35.650 | ✓ | | MT | H13-01 |
| 33.650 | +/-0.010 | 33.650 | ✓ | | MT | H13-01 |
| 30.150 | +/-0.010 | 30.150 | ✓ | | MT | H13-01 |
| 24.900 | +/-0.010 | 24.900 | ✓ | | MT | H13-01 |
| 19.650 | +/-0.010 | 19.650 | ✓ | | MT | H13-01 |
| 14.400 | +/-0.010 | 14.400 | ✓ | | MT | H13-01 |
| 9.150 | +/-0.010 | 9.152 | ✓ | | vern | H13-02 |
| 5.650 | +/-0.010 | 5.653 | ✓ | | vern | H13-02 |
| 2.000 | +/-0.010 | 2.001 | ✓ | | vern | H13-02 |
| 1.885 | +/-0.010 | 1.886 | ✓ | | vern | H13-02 |
| 0.300 | +/-0.010 | 0.302 | ✓ | | vern | H13-02 |
| 0.300 | +/-0.010 | 0.302 | ✓ | | vern | H13-02 |
| 0.040 | +/-0.010 | 0.036 | ✓ | | vern | |
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|---------------------|---------|
| Measured by: | JM/m/m |
| Date: | 12-4-28 |

| | |
|--------------------|----------|
| Audited by: | S |
| Date: | 12/04/30 |

| | |
|----------------------------|-----|
| Prototype Approval: | N/A |
| Date: | N/A |

| Rev | Date | Change | Revised by | Approved |
|-----|----------|-----------|------------|----------|
| A | 07.07.18 | New Issue | KJ/JLM | BE |

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NOTE: Date & initial all entries

DART
SHOP COPY

RETURN TO
ENGINEERING

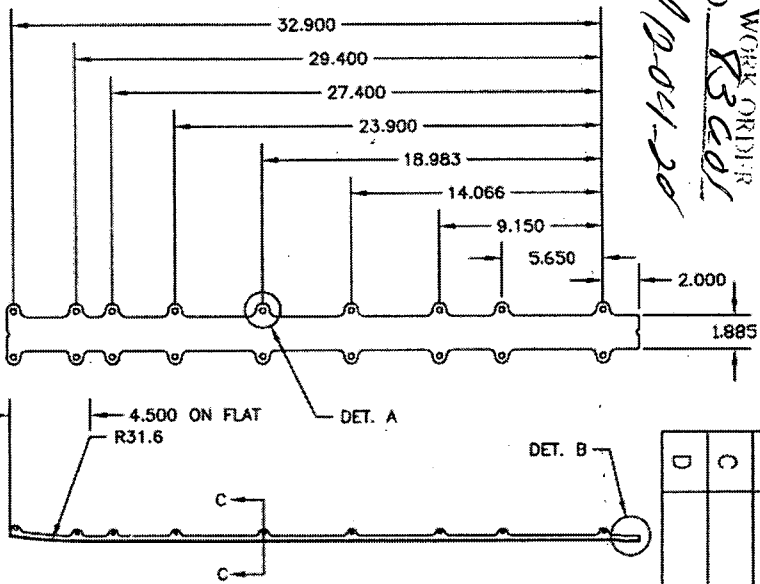
3200 CONTINUED
SUBJECT TO AMENDMENT

WITHOUT NOTICE
WORK ORDER
NO. *R3Ccd*

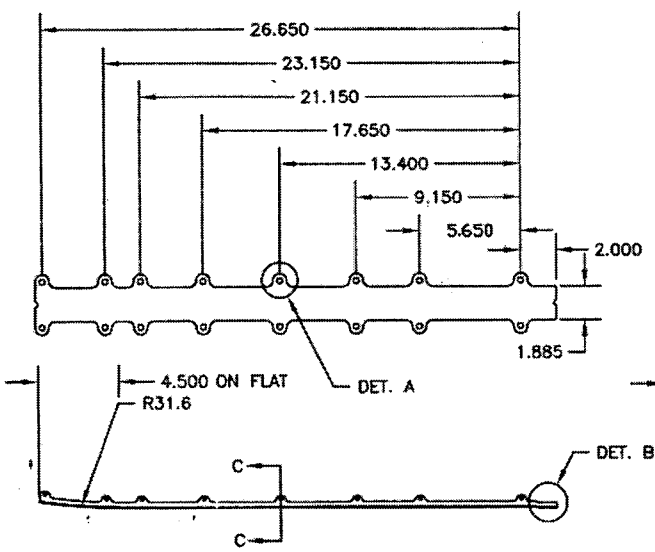
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| DESIGN | DRAWN BY | DART AEROSPACE USA, INC. | REV. D |
|--------------------|--------------------|----------------------------------|--------------|
| DS | CP | PORT HADLOCK, WA | |
| CHECKED | APPROVED | DRAWING NO. | SHEET 1 OF 4 |
| <i>[Signature]</i> | <i>[Signature]</i> | D2656 | |
| DATE | TITLE | SCALE | |
| 05.08.17 | WEARSHOE | 1:10 | |
| A | 97:03:25 | NEW ISSUE | |
| B | 97:06:02 | CHANGED TABS | |
| C | 97:06:26 | R31.6 WAS R19.5 | |
| D | 05.08.17 | ENLARGE ALL HOLES TO IMPROVE FIT | |

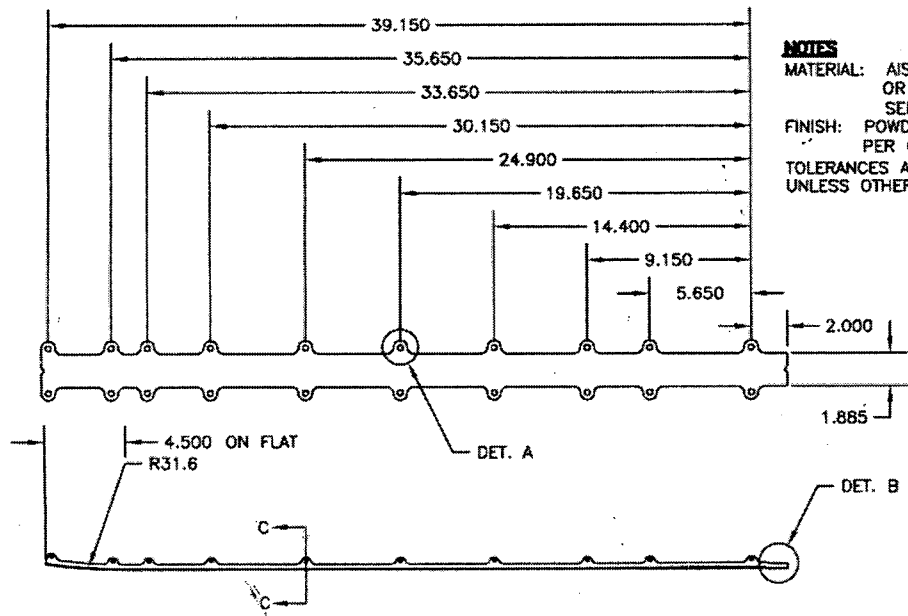
D2656-13



D2656-11



D2656-15



NOTES

MATERIAL: AISI 1010-1025 OR ASTM A36/A366/A1008
OR CSA G40-21, 38W/44W/50W/60W/70W
SERIES STEEL, 20 GAUGE (0.040 THICK)
FINISH: POWDER COAT GREY SANDTEX (4.3.5.6)
PER QSI 005 4.3
TOLERANCES ARE PER DART QSI 018
UNLESS OTHERWISE NOTED

RELEASED
05-09-02

| W/O: | | WORK ORDER CHANGES | | | | | |
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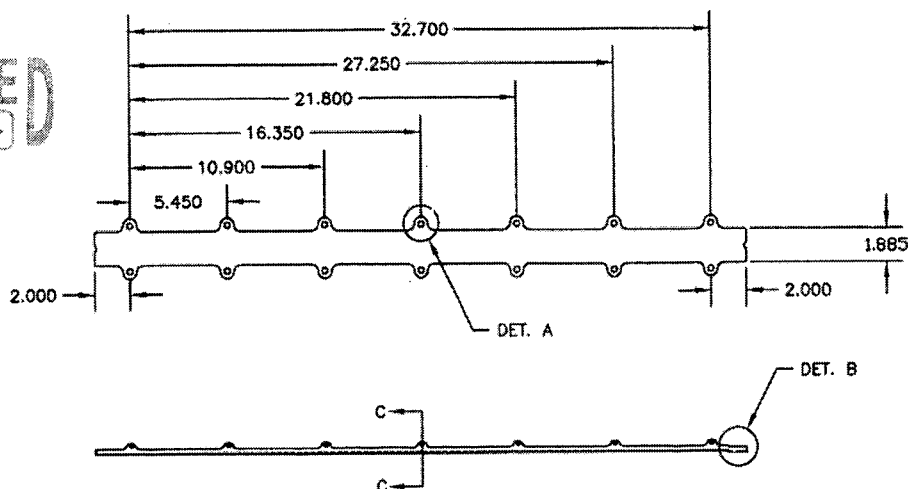
NOTE: Date & initial all entries



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| DESIGN DS | DRAWN BY CP | DART AEROSPACE USA, INC. PORT HADLOCK, WA | |
| CHECKED <i>[Signature]</i> | APPROVED <i>[Signature]</i> | DRAWING NO. D2656 | REV. D SHEET 2 OF 4 |
| DATE 05.08.17 | | TITLE WEARSHOE | SCALE 1:10 |

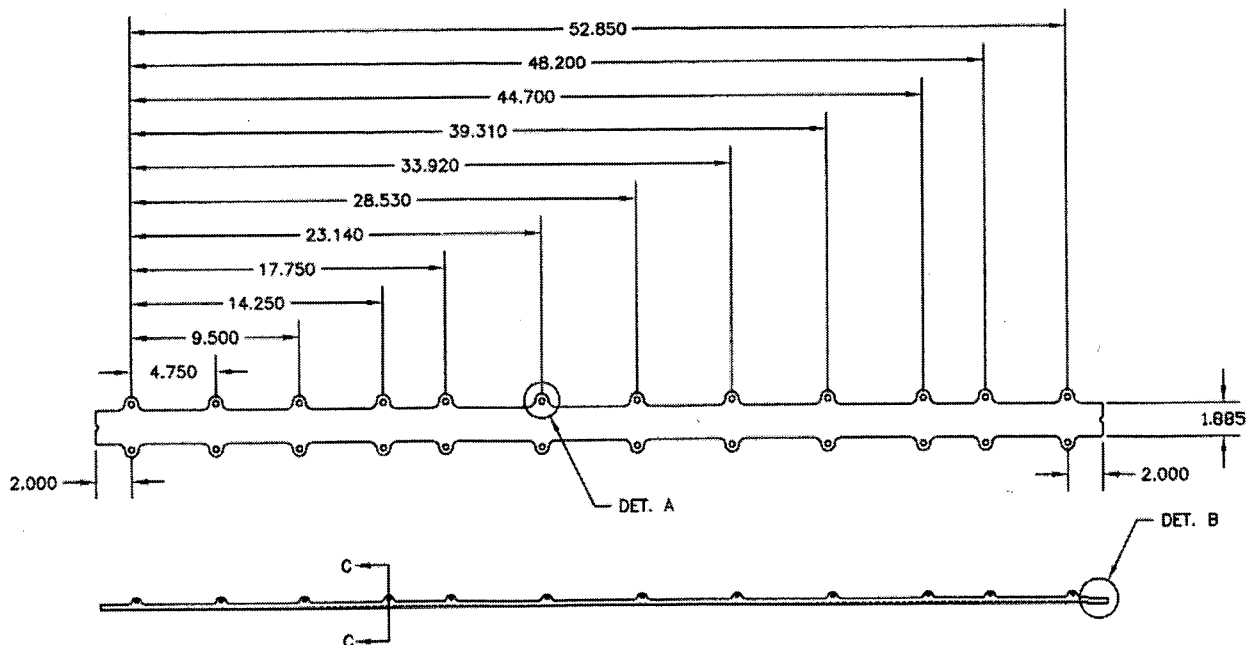
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05.07.06

D2656-21



83601

D2656-23



NOTES

MATERIAL: AISI 1010-1025 OR ASTM A36/A366/A1008 OR CSA C40-21. 38W/44W/50W/60W/70W
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TOLERANCES ARE PER DART QSI 018
UNLESS OTHERWISE NOTED

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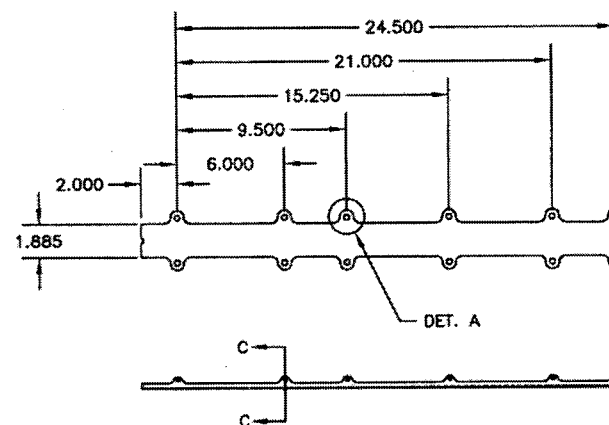
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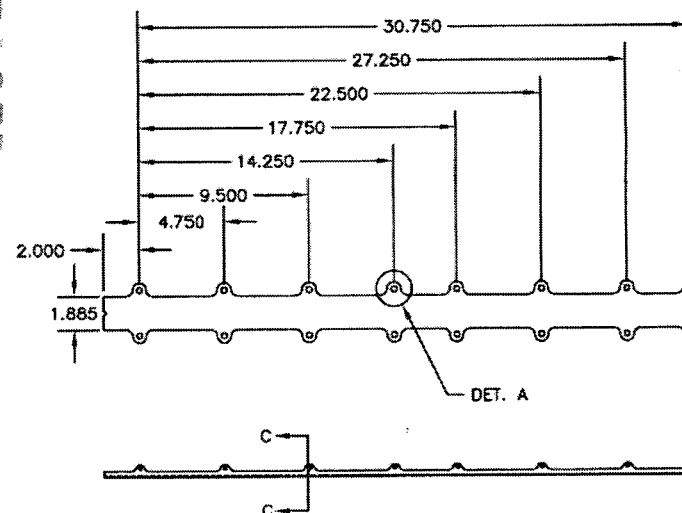
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| DATE | 05.08.17 | DRAWING NO. | D2656 | REV. D |
| | | TITLE | WEARSHOE | SHEET 3 OF 4 |
| | | SCALE | 1:10 | |

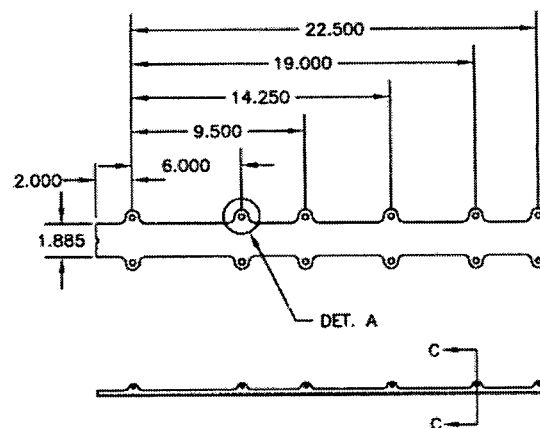
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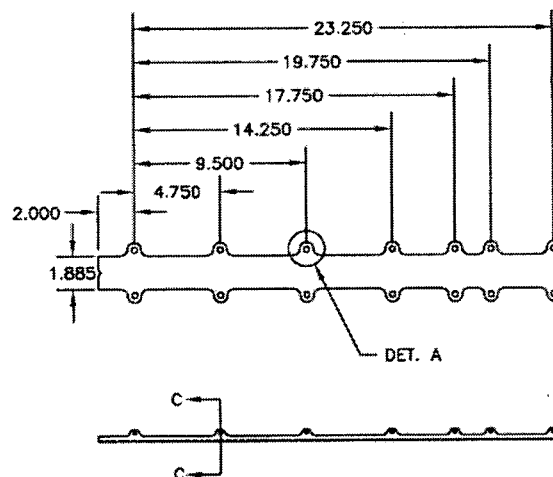
D2656-37



D2656-31



D2656-35



NOTES

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RELEASED
 05.07.00

83601

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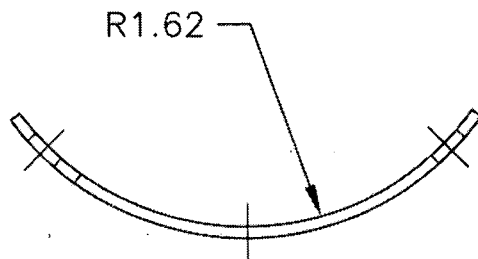
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| DESIGN DS | DRAWN BY CP | DART AEROSPACE USA, INC. PORT HADLOCK, WA | |
| CHECKED <i>[Signature]</i> | APPROVED <i>[Signature]</i> | DRAWING NO. D2656 | REV. D SHEET 4 OF 4 |
| DATE 05.08.17 | TITLE WEARSHOE | | SCALE 1:10 |

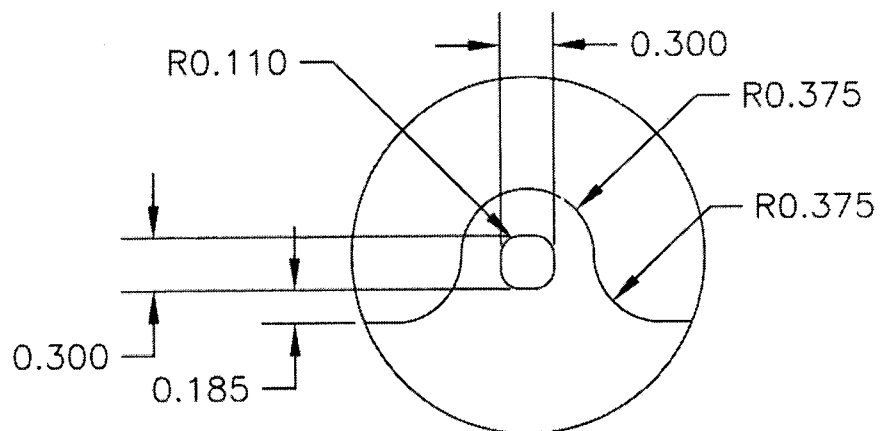
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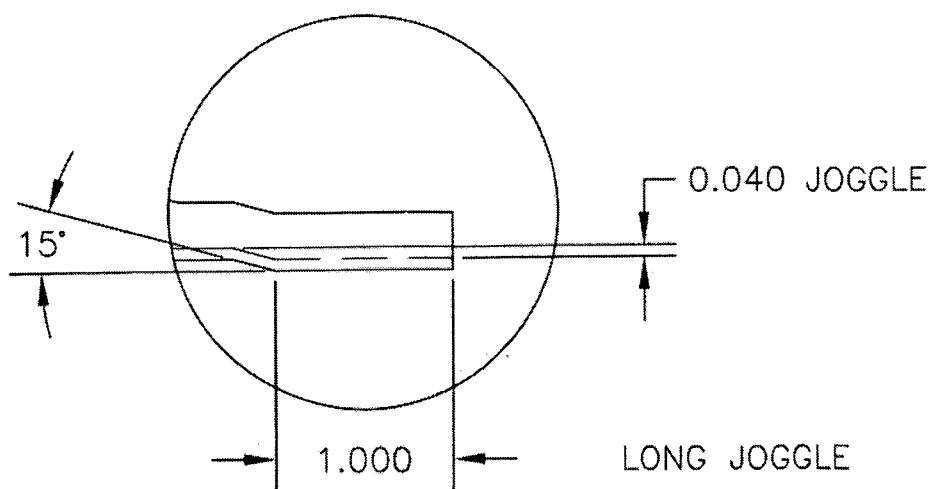
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05.09.06

83601

DETAIL A



DETAIL B



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